

### IN THE SPECIFICATION

Please amend the paragraph starting at page 2, line 6 to read as follows.

An exemplary signal controlled laser oscillator comprises a signal controlled laser oscillator that receives a fixed bias input signal and outputs an optical frequency signal  $f_0$ . A signal controlled microwave oscillator receives a frequency control input signal and outputs a microwave frequency signal,  $f_m$ . A single sideband mixer processes the signals output by the laser oscillator and microwave oscillator to generate a ~~single~~ signal controlled optical frequency signal.

Please amend the paragraph starting at page 2, line 32 to read as follows.

Referring to the drawing figures, Fig. 1 illustrates a first exemplary embodiment of a virtually coherent signal controlled laser oscillator 10 in accordance with the principles of the present invention. The virtually coherent signal controlled laser oscillator 10 comprises a signal controlled laser oscillator 11 that receives a fixed bias input signal. The output of the signal controlled laser oscillator 11 is coupled to a single sideband mixer 12. A signal controlled microwave oscillator 13 having a frequency control input signal outputs a microwave frequency,  $f_m$  that is input to the single sideband mixer 12. The output of the single sideband mixer 12 is a ~~single~~ signal controlled optical frequency signal.